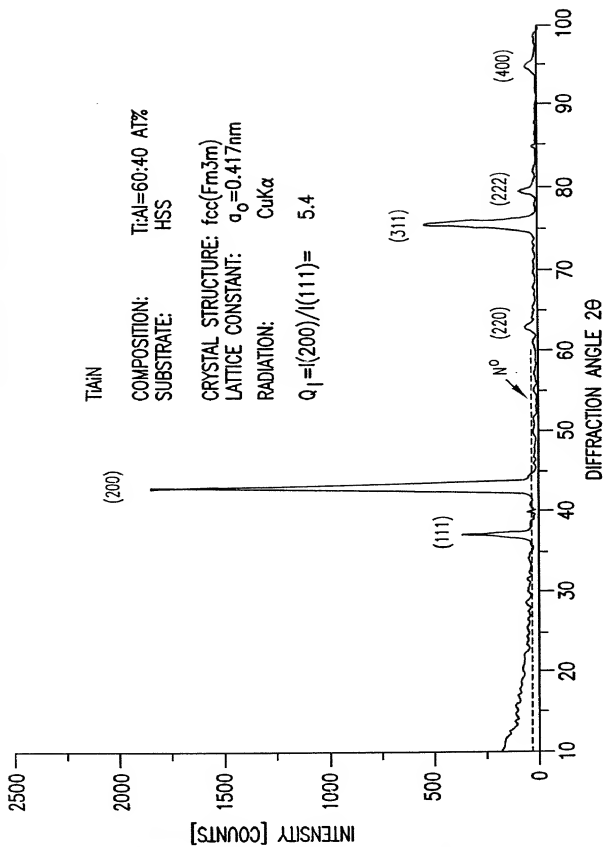


FIG.1

108260-10519660



TiAl

COMPOSITION: Ti:Al=60:40 AT%
SUBSTRATE: HSS

CRYSTAL STRUCTURE: fcc(Fm3m)
LATTICE CONSTANT: $a_0=0.417\text{nm}$

RADIATION: $\text{CuK}\alpha$

$Q_1=(200)/(111)= 5.4$

FIG.2

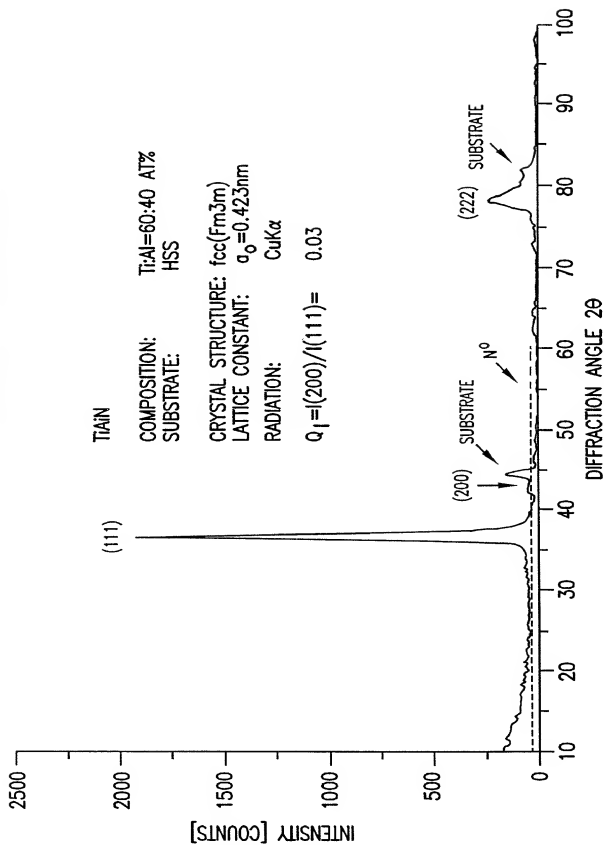


FIG.3

108260-1031960

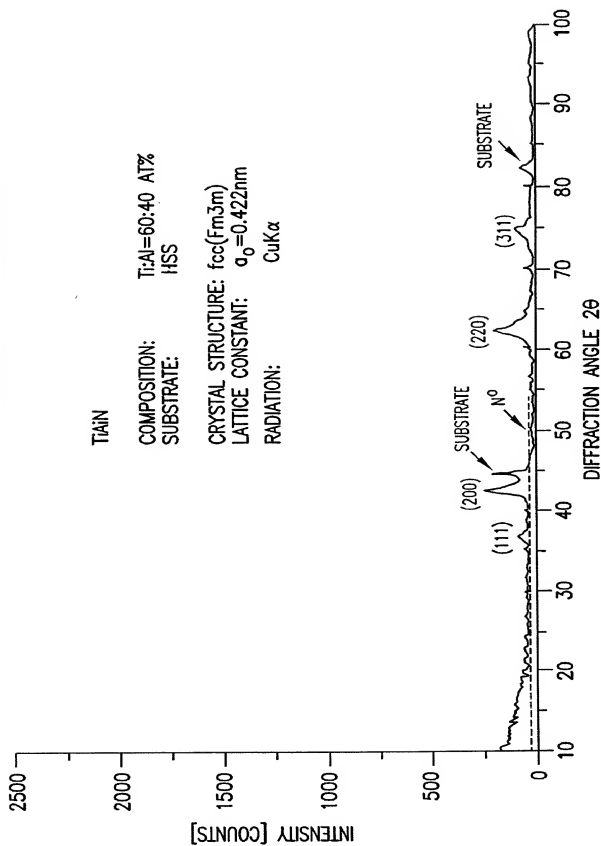


FIG.4